

## SEQUENCE LISTING

<110> COX, REBECCA A.  
MAGEE, D. MITCHELL  
JIANG, CHENGYONG

<120> PEPTIDE AND DNA IMMUNIZATION AGAINST COCCIDIOIDES IMMITIS I  
NFECTIONS

<130> 4003.001800

<140> UNKNOWN

<141> 2002-02-22

<150> 60/271,031

<151> 2001-02-22

<160> 9

<170> PatentIn version 3.1

<210> 1

<211> 52

<212> DNA

<213> Coccidioides Immitis

<400> 1

atgcagttct ctcacgctct catcgctctc gtcgctgccg gcctcgccag tg  
52

<210> 2

<211> 18

<212> PRT

<213> Coccidioides Immitis

<400> 2

Met	Gln	Phe	Ser	His	Ala	Leu	Ile	Ala	Leu	Val	Ala	Ala	Gly	Leu	Ala
1				5					10					15	

Ser Ala

<210> 3

<211> 585

&lt;212&gt; DNA

&lt;213&gt; Coccidioides Immitis

&lt;400&gt; 3

atgcagttct ctcacgctct catcgctctc gtcgctgccg gcctcgccag tgcccagctc  
60

ccagacatcc caccttgccg tctcaactgc ttcggtgagg ctctcggcaa cgatggctgc  
120

actcgcttga ccgacttcaa gtgccactgc tccaagcctg agctcccagg acagatcact  
180

ccttgcgttg aggaggcctg ccctctcgac gcccgatatct ccgtctccaa catcgctcgtt  
240

gaccagtgtt ccaaggccgg tgtcccaatt gacatcccac cagttgacac caccgccgct  
300

cccagagccat ccgagaccgc tgagcccacc gctgagccaa ccgaggagcc cactgccgag  
360

cctaccgctg agcccaccgc tgagccgact catgagccca ccgaggagcc cactgccgtc  
420

ccaaccggca ctggcggttg tgtccccact ggcaccgggt ccttcaccgt cactggcaga  
480

ccaactgcct ccaccccagc tgagttccca ggtgctggct ccaacgtccg tgccagcggt  
540

ggcggcattg ctgctgctct cctcggtctc gctgcctacc tgtaa  
585

&lt;210&gt; 4

&lt;211&gt; 194

&lt;212&gt; PRT

&lt;213&gt; Coccidioides Immitis

&lt;400&gt; 4

Met Gln Phe Ser His Ala Leu Ile Ala Leu Val Ala Ala Gly Leu Ala  
1 5 10 15

Ser Ala Gln Leu Pro Asp Ile Pro Pro Cys Ala Leu Asn Cys Phe Val  
20 25 30

Glu Ala Leu Gly Asn Asp Gly Cys Thr Arg Leu Thr Asp Phe Lys Cys  
 35 40 45

His Cys Ser Lys Pro Glu Leu Pro Gly Gln Ile Thr Pro Cys Val Glu  
 50 55 60

Glu Ala Cys Pro Leu Asp Ala Arg Ile Ser Val Ser Asn Ile Val Val  
 65 70 75 80

Asp Gln Cys Ser Lys Ala Gly Val Pro Ile Asp Ile Pro Pro Val Asp  
 85 90 95

Thr Thr Ala Ala Pro Glu Pro Ser Glu Thr Ala Glu Pro Thr Ala Glu  
 100 105 110

Pro Thr Glu Glu Pro Thr Ala Glu Pro Thr Ala Glu Pro Thr Ala Glu  
 115 120 125

Pro Thr His Glu Pro Thr Glu Glu Pro Thr Ala Val Pro Thr Gly Thr  
 130 135 140

Gly Gly Gly Val Pro Thr Gly Thr Gly Ser Phe Thr Val Thr Gly Arg  
 145 150 155 160

Pro Thr Ala Ser Thr Pro Ala Glu Phe Pro Gly Ala Gly Ser Asn Val  
 165 170 175

Arg Ala Ser Val Gly Gly Ile Ala Ala Ala Leu Leu Gly Leu Ala Ala  
 180 185 190

Tyr Leu

<210> 5  
 <211> 30

<212> DNA  
<213> *Coccidioides immitis*  
  
<400> 5  
ttgggatccg tcgacatgca gttctctcac  
30

<210> 6  
<211> 31  
<212> DNA  
<213> *Coccidioides immitis*  
  
<400> 6  
ggaagatctc gagttaggca ctggcgaggc c  
31

<210> 7  
<211> 24  
<212> DNA  
<213> *Coccidioides immitis*  
  
<400> 7  
atgcagttct ctcacgctct catc  
24

<210> 8  
<211> 24  
<212> DNA  
<213> *Coccidioides immitis*  
  
<400> 8  
atgcagctcc cagacatccc acct  
24

<210> 9  
<211> 21  
<212> DNA  
<213> *Coccidioides immitis*  
  
<400> 9  
ttacaggtag gcagcgagac c  
21